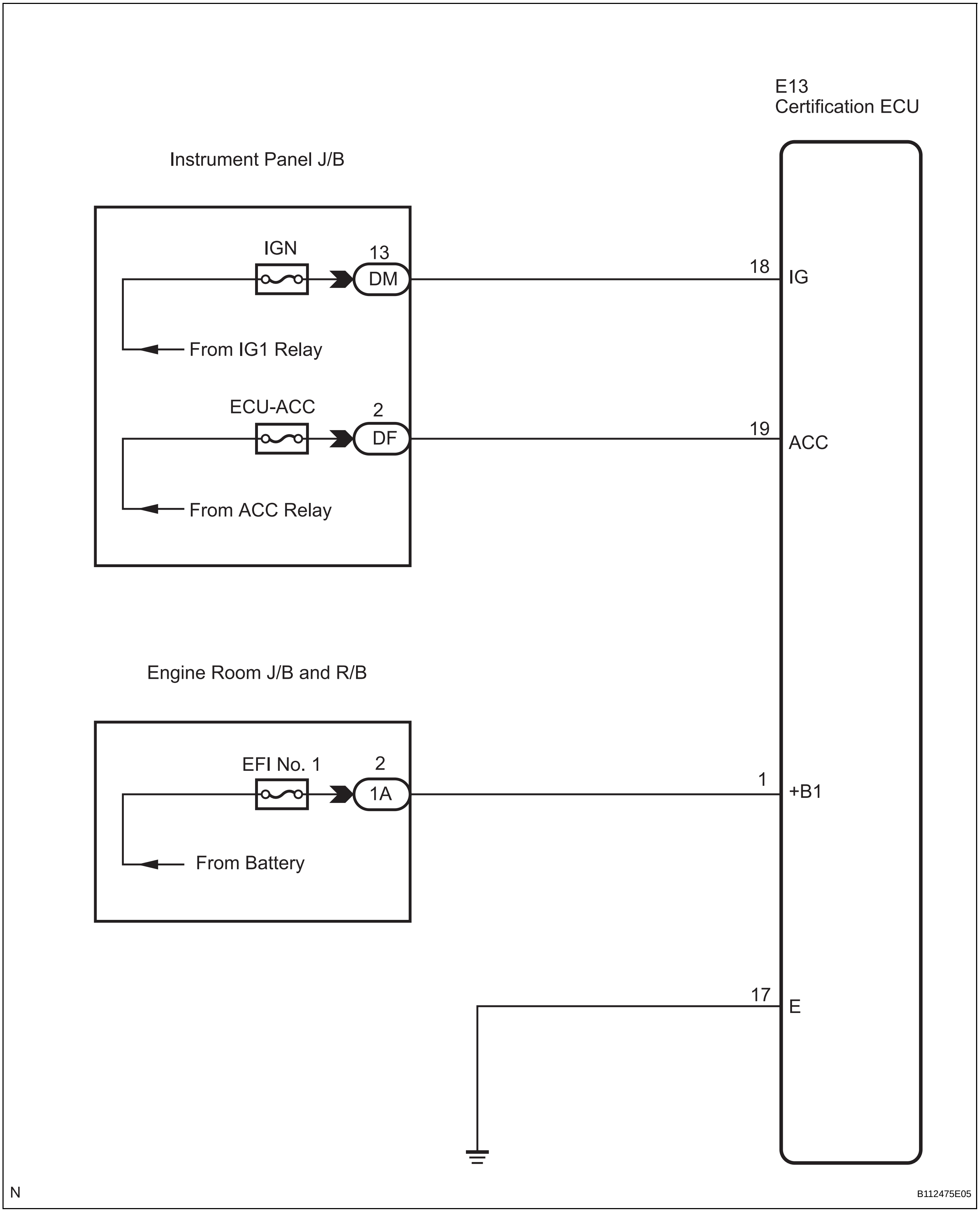
Certification ECU Power Source Circuit

DESCRIPTION

This is the power source circuit of the certification ECU.
The certification ECU controls the following:

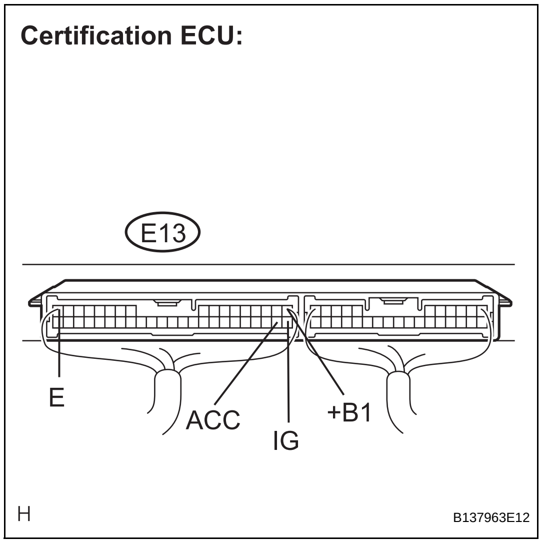
- Electrical key verification confirmation
- Cabin and door oscillator control
- Entry door LOCK/UNLOCK request to the main body ECU
- Steering LOCK/UNLOCK request
- Immobiliser SET/UNSET request to the ID code box

WIRING DIAGRAM



INSPECTION PROCEDURE

1 CHECK HARNESS AND CONNECTOR (POWER SOURCE CIRCUIT)



(a) Disconnect the E13 certification ECU connector.

(b) Measure the voltage according to the value(s) in the table below.

Standard voltage

Tester Connection (Symbols)	Condition	Specified Condition
E13-1 (+B1) - Body ground	Always	10 to 14 V
E13-18 (IG) - Body ground	Engine switch OFF	Below 1 V
	Engine switch ON (IG)	10 to 14 V
E13-19 (ACC) - Body ground	Engine switch OFF	Below 1 V
	Engine switch ON (ACC)	10 to 14 V

(c) Measure the resistance according to the value(s) in the table below.

Standard resistance

Tester Connection (Symbols)	Condition	Specified Condition
E13-17 (E) - Body ground	Always	Below 1 Ω

NG → **REPAIR OR REPLACE HARNESS OR CONNECTOR**

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE